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# **S/W License Mgmt Design Review**

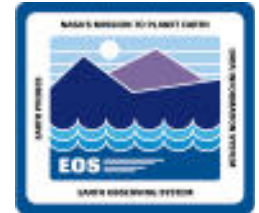
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**16 April 1996**

# Overview



- **Driving Requirements**
- **Software Design**
- **User Interfaces**
- **OO Design Models**

# Software License Management Driving Requirements

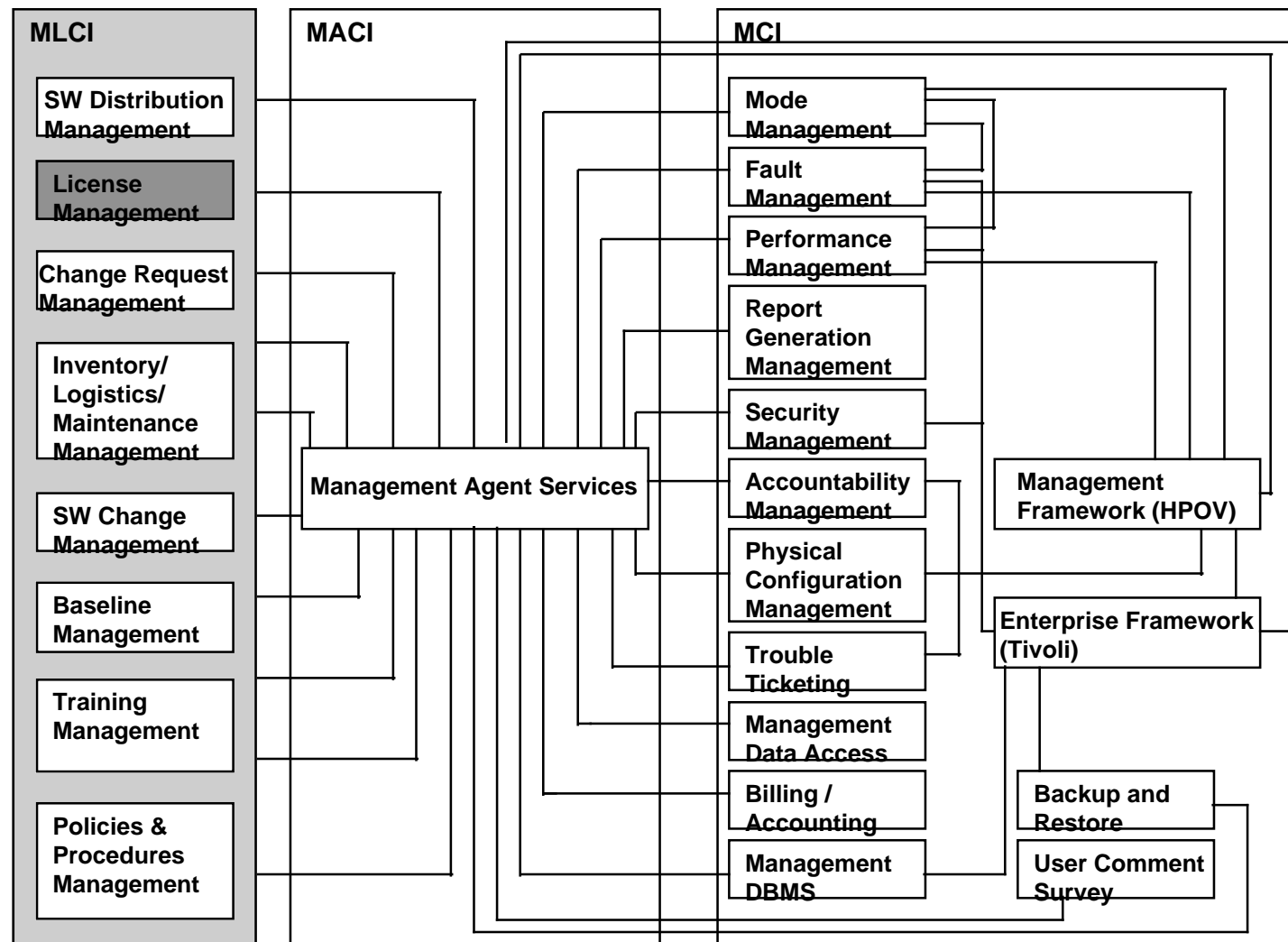


- **General Functional Description:**
  - Distributes licenses for COTS packages to users .
  - Permits/denies access, depending upon availability of a license.
  - Provides administrative support for license administrators.
- **New Release B Features:**
  - All functionality of Software License Management is new to Release B.

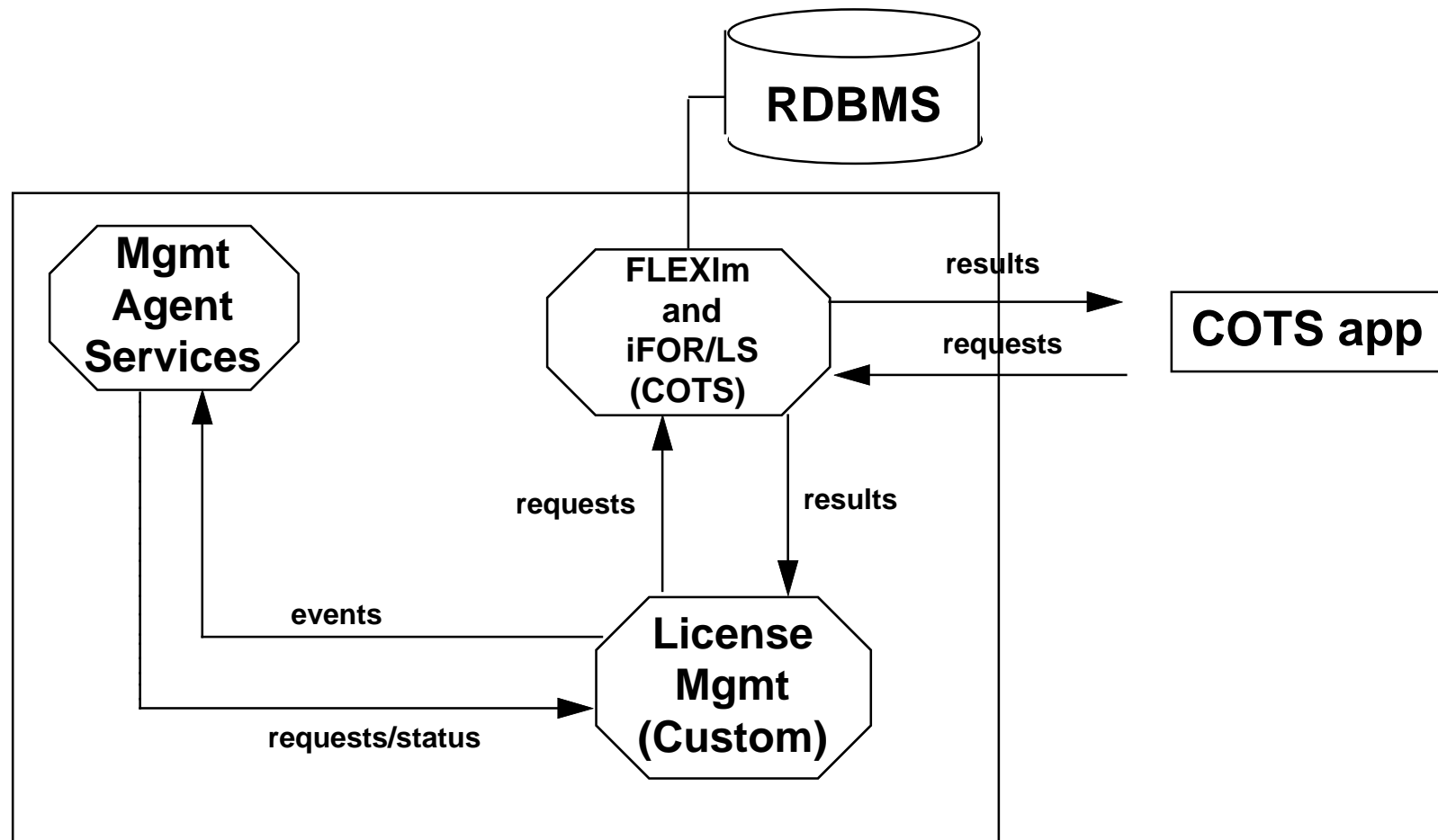
**(DID 305-CD-029-002, Section 5-8)**



# MSS Software Architecture Overview



# Software License Software Architecture



# User Interface



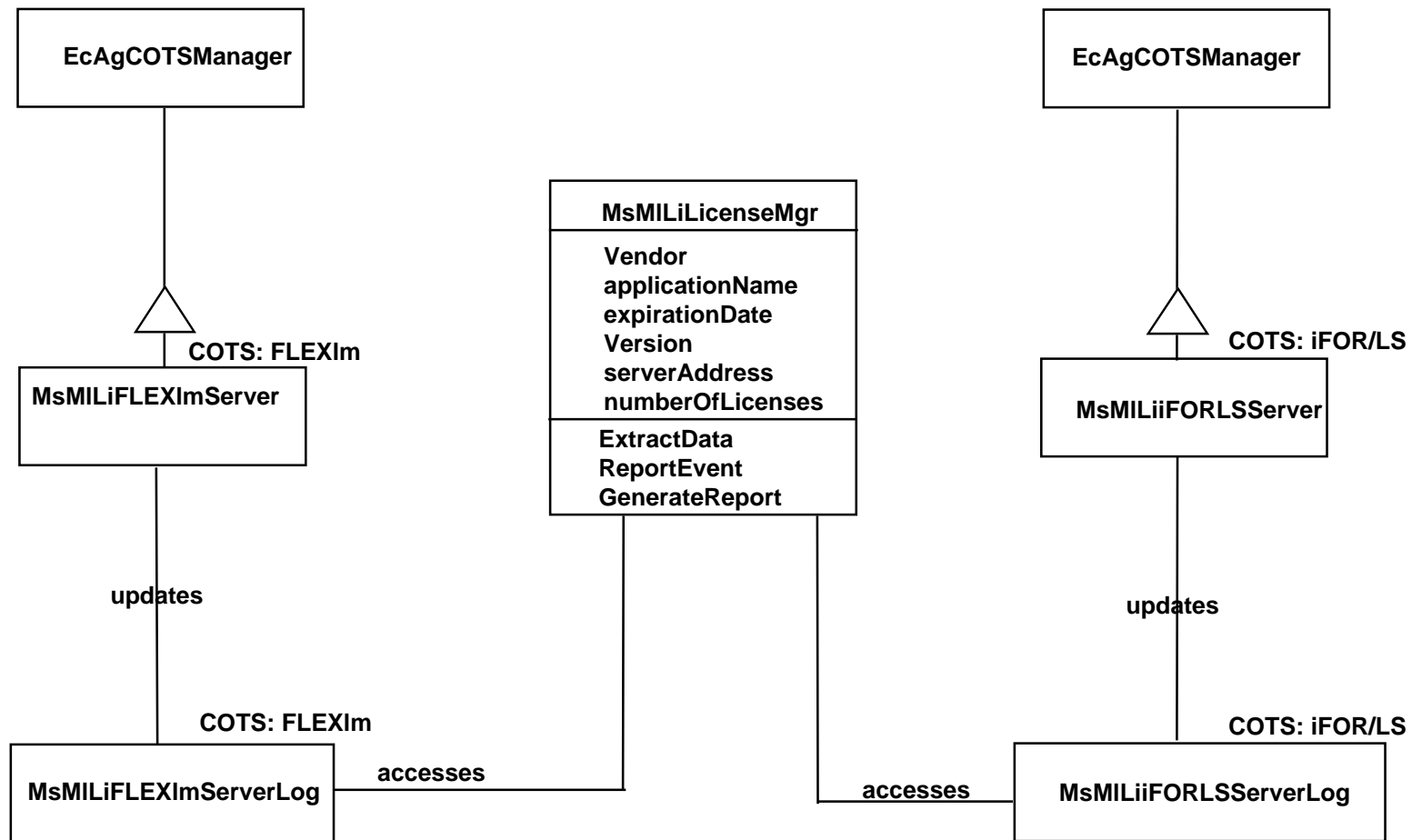
## Overview:

- **This CSC (a COTS) product is invisible to the user. If a license is available for the particular COTS product requested, access is granted. Otherwise, it is denied.**
- **For the license administrator there are several aspects of the Software License Manager. This includes entering keys, evaluating license utilization statistics, and the creation, installation, and modification of software licenses on ECS servers.**

# Software License Management Object Model



(For more information on the details on this object model, see DID 305-CD-029-002, Section 5.8)





# Dynamic Model

The following event traces will be reviewed:

<u>Event Trace Name</u>	<u>Document Reference</u>	<u>Diagram Reference</u>
Retrieve Denied License Requests	DID 305-CD-029-002	5.8-3





# Event Trace

## Retrieve Denied License Requests

### Scenario:

**This scenario traces events associated with the M&O Staff retrieving a report for the number of COTS products that have been denied licenses in the current day.**

### Assumptions:

**The M&O Staff has an indication that licenses are being denied and they are at their threshold for number of users for a particular COTS products.**

### Preconditions:

**An M&O staff notices that there has been a denial on several COTS product.**

### Postconditions:

**The requested report is printed out.**